

Summary of Alfalfa Height and Prediction of % NDF - May 24, 2010

County	Town	Road Name	Hill or Valley	Alfalfa Height Inches	Predicted Grass % NDF	Predicted 50/50 Mix % NDF	Predicted Alfalfa % NDF	Predicted Date to Cut Grass	Predicted Date to Cut Mix	Predicted Date to Cut Alfalfa
Chenango	So. Oxford	County Road 32	Valley	26	61.2	46.6	36.7	5/12/10	5/20/10	5/30/10
Chenango	Earlville	Reese Road	Valley	29	63.8	49.2	38.8	5/10/10	5/17/10	5/26/10
Chenango	Earlville	Williams Road	Valley	Cut						
Chenango	Smyrna	County Road 20	Valley	27	62.1	47.5	37.4	5/11/10	5/19/10	5/29/10
Chenango	Sherburne	West Hill Road	Hill	28	62.9	48.3	38.1	5/11/10	5/18/10	5/27/10
Chenango	Sherburne	State Route 12	Valley	28	62.9	48.3	38.1	5/11/10	5/18/10	5/27/10
Chenango	Brisben	State Route 12	Valley	24	59.5	44.9	35.3	5/14/10	5/22/10	6/2/10
Chenango	Nineveh	County Road 26	Valley	Cut						
Chenango	Sherburne	Furman Mills Road	Hill	25	60.4	45.8	36.0	5/13/10	5/21/10	6/1/10
Chenango	Earlville	Coye Road	Valley	Cut						
Chenango	Oxford	County Road 32	Valley	Cut						
Chenango	Greene	Stiles Road	Hill	24	59.5	44.9	35.3	5/14/10	5/22/10	6/2/10
Chenango	Sherburne	Furman Mills Road	Valley	20	56.0	41.4	32.5	5/17/10	5/27/10	6/8/10
Chenango	Norwich	Mary Windsor Road	Hill	15	51.7	37.1	29.0	5/22/10	6/2/10	6/15/10
Chenango	Bainbridge	Ives Settlement	Hill	20	56.0	41.4	32.5	5/17/10	5/27/10	6/8/10
Chenango	Sherburne	Knapp Road	Hill	17	53.4	38.8	30.4	5/20/10	5/30/10	6/12/10
Fulton	Perth	Noonan Road	Hill	34	68.1	53.5	42.3	5/5/10	5/11/10	5/19/10
Fulton	Johnstown	Union Street	Hill	27	62.1	47.5	37.4	5/11/10	5/19/10	5/29/10
Herkimer	Stark	Lighthall Road	Hill	29	63.8	49.2	38.8	5/10/10	5/17/10	5/26/10
Herkimer	Schuyler	Minots Corners Road	Hill	21	56.9	42.3	33.2	5/17/10	5/26/10	6/6/10
Herkimer	Winfield	North Winfield Road	Hill	25	60.4	45.8	36.0	5/13/10	5/21/10	6/1/10
Herkimer	German Flatts	Robinson Road	Hill	Cut						
Montgomery	Mohawk	Pavlus Road	Valley	35	69.0	54.4	43.0	5/5/10	5/10/10	5/18/10
Montgomery	Florida	Buhrmaster Road	Hill	Cut						
Montgomery	Minden	Schuyler Road	Valley	Cut						
Montgomery	Pattersonville	Pattersonville Road	Valley	Cut						

Cornell Cooperative Extension Central New York Dairy and Field Crops Team
 Serving Chenango, Fulton, Herkimer, Montgomery, Otsego and Schoharie Counties

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County	Town	Road Name	Hill or Valley	Alfalfa Height Inches	Predicted Grass % NDF	Predicted 50/50 Mix % NDF	Predicted Alfalfa % NDF	Predicted Date to Cut Grass	Predicted Date to Cut Mix	Predicted Date to Cut Alfalfa
Montgomery	St. Johnsville	Walrath Road	Hill	30	64.7	50.1	39.5	5/9/10	5/15/10	5/25/10
Montgomery	Canajoharie	Old Sharon Road	Hill	27	62.1	47.5	37.4	5/11/10	5/19/10	5/29/10
Montgomery	Palatine Bridge	Dygert Road	Hill	Cut						
Otsego	Portlandville	County Road 35	Valley	20	56.0	41.4	32.5	5/17/10	5/27/10	6/8/10
Otsego	Cherry Valley	Dugay Road	Valley	32	66.4	51.8	40.9	5/7/10	5/13/10	5/22/10
Otsego	Worcester	County Road 40	Hill	25	60.4	45.8	36.0	5/13/10	5/21/10	6/1/10
Otsego	Otego	State Route 7	Valley	24	59.5	44.9	35.3	5/14/10	5/22/10	6/2/10
Otsego	Unadilla	Unadilla River Road	Valley	21	56.9	42.3	33.2	5/17/10	5/26/10	6/6/10
Otsego	Cherry Valley	County Road 32	Hill	21	56.9	42.3	33.2	5/17/10	5/26/10	6/6/10
Otsego	Garrettsville	State Route 51	Valley	21	56.9	42.3	33.2	5/17/10	5/26/10	6/6/10
Otsego	New Berlin	County Road 18	Valley	15	51.7	37.1	29.0	5/22/10	6/2/10	6/15/10
Otsego	Richfield	State Route 20	Hill	20	56.0	41.4	32.5	5/17/10	5/27/10	6/8/10
Schoharie	Wright Town	Kump Road	Hill	33	67.3	52.7	41.6	5/6/10	5/12/10	5/20/10
Schoharie	Schoharie	Abram Road/County Road 7	Hill	34	68.1	53.5	42.3	5/5/10	5/11/10	5/19/10
Montgomery	Sharon Springs	Maring Road	Hill	Cut						
Schoharie	Richmondville	Warnerville Cutoff	Valley	29	63.8	49.2	38.8	5/10/10	5/17/10	5/26/10
Schoharie	Seward	Looenburgh Road	Hill	31	65.5	50.9	40.2	5/8/10	5/14/10	5/23/10
Schoharie	Seward	State Route 10	Hill	20	56.0	41.4	32.5	5/17/10	5/27/10	6/8/10

The desired NDF for all grass fields is 50%, 50/50 mixed alfalfa and grass fields is 44%, and pure alfalfa stands is 40%. Please note you will most likely need to start before the indicated date so that you will have time bring in all of your forage within a few percentage points of the desired NDF and to also account for fermentation and other dry matter losses that can occur when ensiling. Typically NDF increases about 0.8 to 1.2/day for grasses expecting the lower end of that range in cooler weather and the higher end in warm. Alfalfa NDF increases about 0.4 to 0.7/day again figuring the lower end of that range with cool temperatures and the higher in warm.